

## Xylo-oligosaccharide (XOS) Specification

Items		Liquid			Powder			
		XOS-70L	XOS-80L	XOS-95L	XOS-70P	XOS-80P	XOS-95P	
Sensory	Appearance	Sticky transparent liquid			Powder			
	Color	Colorless or light yellow			White or light yellow			
	Taste	Sweet						
	Odor	Peculiar smell of the product						
	Impurity	No visible impurity						
Physicochemical Indexes	Dry matter (solids)/%	≥	70		—			
	Moisture/%	≤	—		5.0			
	Ash/%	≤	0.3					
	Transmittancy/%	≥	70		—			
	pH		3.5 ~ 6.0					
	XOS content (as dry basis)/%	≥	70.0	80.0	95.0	70.0	80.0	95.0
	XOS <sub>2-4</sub> content (as dry basis)/%	≥	50.0	60.0	65.0	50.0	60.0	65.0
Hygienic Index	Total Arsenic (as As)/(mg/kg)	≤	0.3					
	Lead (Pb)/(mg/kg)	≤	0.4					
	TPC /(CFU/g)	≤	n=5,c=2,m=100,M=1000					
	Coliform (MPN/g)	<	0.3					
	Yeasts (CFU/g)	≤	25					
	Moulds (CFU/g)	≤	25					
	Pathogenic bacteria (Salmonella species、Shigella、 Staphylococcus aureus)		Not detected					